

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SCHNEIDER et al

Serial No. 08/893,371

Filed: July 15, 1997

For: STABLE MICROBUBBLES SUSPENSIONS  
INJECTABLE INTO LIVING ORGANISMS



Atty. Ref.: 1201-45

Art Unit: 1616

Examiner: G. Hollinden

\* \* \* \* \*

July 21, 1999

Honorable Commissioner of Patents  
and Trademarks  
Washington, DC 20231

AMENDMENT

Sir:

Please amend the above-identified application as follows:

IN THE CLAIMS:

Please add new claims 81-111:

-- 81. Gas microbubbles comprising an amphipatic surfactant and a physiologically acceptable gas comprising an organic compound containing one or more carbon atoms and fluorine wherein the gas is entrapped by the surfactant.

82. The gas microbubbles as claimed in claim 81, wherein said surfactant is film forming.

83. The gas microbubbles as claimed in claim 81, wherein said surfactant is capable of forming stable films in the presence of water and gas.

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02 FC:102

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

**SCHNEIDER et al**Serial No. **08/893,371**Filed: **July 15, 1997**Title: **STABLE MICROBUBBLES SUSPENSIONS INJECTABLE INTO LIVING ORGANISMS**Atty Dkt. **1201-45**

C#/M#

Group Art Unit: **1616**Examiner: **Hollinden**Date: **July 21, 1999**

Honorable Commissioner of Patents  
and Trademarks  
Washington, DC 20231

Sir:

**RESPONSE/AMENDMENT/LETTER**

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

**Fees are attached as calculated below:**

Total effective claims after amendment **84** minus highest number  
previously paid for **53** (at least 20) = **31** x \$ 18.00 \$ 558.00

Independent claims after amendment **26** minus highest number  
previously paid for **12** (at least 3) = **14** x \$ 78.00 \$ 1092.00

If proper multiple dependent claims now added for first time, add \$260.00 (ignore improper) \$ 0.00

Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$ 110.00 /1 month; \$380.00/2 months; \$870.00/3 months) \$ 0.00

Terminal disclaimer enclosed, add \$ 110.00 \$ 0.00

First submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$760.00) \$ 0.00

Second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$ 760.00 ) \$ 0.00

☐ Please enter the previously unentered filed

If "small entity," then enter half (1/2) of subtotal and subtract -\$ 0.00

☐ Statement filed herewith

Rule 56 Information Disclosure Statement Filing Fee (\$240.00) \$ 0.00

Assignment Recording Fee ( \$40.00 ) \$ 0.00

**TOTAL FEE ENCLOSED \$ 1650.00**

The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our **Account No. 14-1140**. A duplicate copy of this sheet is attached.

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**NIXON & VANDERHYE P.C.**

By Atty: Arthur R. Crawford, Reg. No. 25,327

Signature: 

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